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Fall 2006

## CS 790: Special Topics on Image Processing: Algorithms, Languages, and Architectures

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## CS 790 : Special Topics on Image Processing: Algorithms, Languages and Architectures

**Description:** Introduction ; Image Processing Operators and Morphology; Image Transformations; Image Processing Languages; Image Coding and Compression; Image Encryption and Hiding; Digital TV and Video.

**Lectures:** 1 per week.

**Prerequisite:** Basic knowledge in programming languages, linear algebra and computer architecture.

**Instructor:** Dr. Nikolaos Bourbakis

**Office :** 351 Russ Engineering Center

**Phone:** 937-775-5138

**Email:** [bourbaki@cs.wright.edu](mailto:bourbaki@cs.wright.edu)

**Class room:** 351 Russ Engineering Center

**Time:** tba

**Text books:** Handouts from instructor

**Grading:** Class Project = 50%, Final Presentation = 25%, Participation = 25%